

Hours after first injection of PEG-PBC Urucase

Fig. 3

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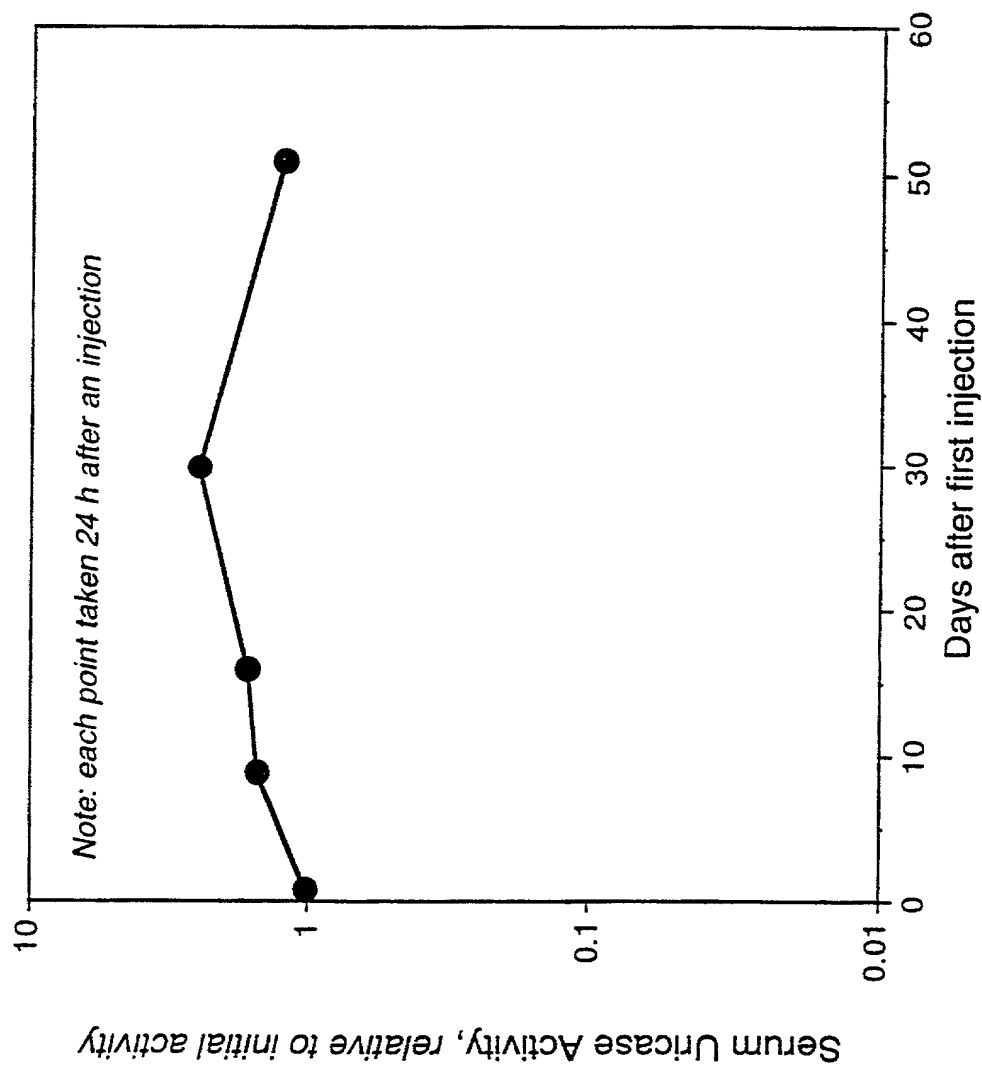
**Fig. 4**

Fig. 5

Deduced Amino Acid Sequences of Pig-Baboon Chimeric Uricase (PBC Uricase)

and Porcine Uricase Containing the Mutations R291K and T301S (PKS Uricase),
Compared with the Porcine and Baboon Sequences

Porcine	MAHYRNDYKK	NDEVEFVRTG	YGKDMIKVLH	IQRDGKYHSI	40
PBC	1-225 porcine sequence →				
PKS	1-288 porcine sequence →				
Baboon	MADYHNNYKK	NDELEFVRTG	YGKDMVKVLH	IQRDGKYHSI	40
Porcine	KEVATSVQLT	LSSKKDYLHG	DNSDVIPTDT	IKNTVNVLAK	80
PBC	porcine sequence →				
PKS	porcine sequence →				
Baboon	KEVATSVQLT	LSSKKDYLHG	DNSDIIPTDT	IKNTVHVLAK	80
Porcine	FKGIKSIETF	AVTICEHFLS	SFKHVIRAQV	YVEEVPWKRF	120
PBC	porcine sequence →				
PKS	porcine sequence →				
Baboon	FKGIKSIEAF	GVNICEYFLS	SFNHVIRAQV	YVEEIPWKRL	120
Porcine	EKNGVKHVHA	FIYTPTGTHF	CEVEQIRNGP	PVIHSGIKDL	160
PBC	porcine sequence →				
PKS	porcine sequence →				
Baboon	EKNGVKHVHA	FIHTPTGTHF	CEVEQLRSGP	PVIHSGIKDL	160
Porcine	KVLKTTQSGF	EGFIKDQFTT	LPEVKDRCFA	TQVYCKWRYH	200
PBC	porcine sequence →				
PKS	porcine sequence →				
Baboon	KVLKTTQSGF	EGFIKDQFTT	LPEVKDRCFA	TQVYCKWRYH	200
Porcine	QGRDVFDEAT	WDTVRSIVLQ	KFAGPYDKGE	YSPSVQKTLY	240
PBC	porcine sequence → ← baboon sequence				
PKS	porcine sequence →				
Baboon	QCRDVFDEAT	WGTIRDLVLE	KFAGPYDKGE	YSPSVQKTLY	240
Porcine	DIQVLTGQV	PEIEDMEISL	PNIHYLNIDM	SKMGLINKEE	280
PBC	baboon sequence →				
PKS	porcine sequence →				
Baboon	DIQVLSLSRV	PEIEDMEISL	PNIHYFNIDM	SKMGLINKEE	280
Porcine	VLLPLDNPYG	RITGTVKRKL	TSRL		
PBC	baboon sequence →				304
PKS	porcine ← baboon 289-304				
Baboon	VLLPLDNPYG	KITGTVKRKL	SSRL		